

**City of South Bend  
Council Meeting Via Zoom  
Monday, December 13, 2021 @ 5:30 pm**

Zoom Link - <https://us02web.zoom.us/j/86718233686?pwd=VTNTSIFWRHgyQkxIQ2h6ZFArQkNjZz09>

1. Call to Order and Roll Call
2. Swearing In – Council Position #5
3. Approval of Agenda and Consent Agenda  
Approval of Minutes: November 22, 2021 Regular Meeting
4. Correspondence
5. Better Beaches & Byways/Fireworks – Tabled from November 22, 2021 Council Meeting (Action)
6. Ordinance #1569 - BAN Extension (One Reading Only) (Action)
7. New Hire Vaccination Policy – (Action)
8. Items from the Public
9. Department Head Reports:
  - i) Police Chief Stigall
  - ii) City Supervisor Houk
  - iii) Clerk/Treasurer Roberts
10. Mayor's Report
11. Public Comments – Current agenda Items
12. Council Comments
13. Future Agenda Topics
14. Executive Session – Potential Real Estate Purchase
15. Adjournment

**ORAL PUBLIC TESTIMONY**

If you wish to provide oral public comments during the December 13, 2021 council meeting, please submit an email to [dee.roberts@southbend-wa.gov](mailto:dee.roberts@southbend-wa.gov) containing the following information:

1. The Meeting Date
  2. Your First and Last Name, Your City of Residence
  3. The Agenda Item(s) that you would like to provide comment oral public comment on
  4. The Telephone Number that you will be calling from
- Please note the information you provide may be subject to disclosure pursuant to Washington State's Public Record Act, chapter 42.56 RCW.

**To join the Zoom web meeting:**

**Meeting ID: 867 1823 3686      Password: 214982      Dial-In Phone Number: 1-253-215-8782**

Emailed requests to be added to our "Speakers List" must be received by 4:00 pm on December 13, 2021 and **MUST** include **ALL** of the above information. Any omitted information will render the request incomplete and will not be included for public comment during the meeting.

**WRITTEN PUBLIC TESTIMONY**

If you wish to provide written public comments during the December 13, 2021 council meeting, please email your comments to [dee.roberts@southbend-wa.gov](mailto:dee.roberts@southbend-wa.gov) and include the following information with your comments:

1. The Meeting Date
2. Your First and Last Name, Your City of Residence
3. The Agenda Item(s) that you are speaking to.

*The City of South Bend strives to provide access and services to all members of the public. Please notify the city at least 48 hours prior to an event if reasonable accommodations are needed.*

**NOTICE** – All proceedings of this meeting are sound recorded  
Except Executive Sessions.

Next Regular Meeting Monday, January 10, 2022 @ 5:30 PM via Zoom unless otherwise notified.

# **South Bend Council Meeting**

**Monday, December 13, 2021**

## **CONSENT AGENDA**

### **1. Approval of Vendor Checks**

**Vendors – Check #47065 thru Check #47108 - \$216,943.48 Including EFT Payments**

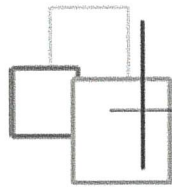
### **2. Approval of Payroll Checks**

**Payroll – Check #24989 thru Check #24995 - \$119,385.08 Including Direct Deposit**

12/13/2021

VENDOR		AMOUNT	
47065	911 Supply, Inc.	\$ 1,197.26	Operating Supplies - Police Dept
47066	Aberdeen Office Equipment, Inc.	\$ 496.99	Office Supplies - City Hall \$171.53, Municipal Court \$175.74, Police \$43.33 and Water \$106.39
47067	Beans & Rocks, LLC	\$ 390.79	Stockpile
47068	Board of Volunteer Firefighters	\$ 2,520.00	2021-2022 Annual Remittance
47069	Borden's Auto Parts, Inc.	\$ 99.87	Repair/Maintenance - Streets \$45.25, Parks \$9.37 and Water \$45.25
47070	Bud's Lumber & Electric	\$ 621.64	Operating Supplies - Police \$143.17, Streets \$45.78, Docks \$73.48, Parks \$239.14 and Water \$120.07
47071	Cascade Columbia Distribution Company	\$ 849.08	Operating Supplies - Water Fund
47072	Cascade Computer Maintenance, Inc.	\$ 1,046.23	Repair/Maintenance - City Hall
47073	City of Raymond	\$ 41,139.32	USDA RD Annual Bond Reserve WWTP
47074	Coast Controls & Automation, Inc.	\$ 1,928.76	Repair/Maintenance - Water Fund
EFT Pay	Comcast - EFT Pay	\$ 1,091.93	All Depts
47075	Dept of Ecology	\$ 25,246.27	Loan - I & I Improvements (Next Payment 6/2022 - Payoff 2024)
47076	Dept of Natural Resources	\$ 2,118.46	Annual Aquatic Leases (Rock Canyon Valley Properties \$699.96)
47077	Dept of Retirement Services	\$ 18.17	Contribution Underpayment 04/2021
EFT Pay	Dept of Revenue - EFT Pay	\$ 6,292.65	November 2021 Excise Tax on Water/Sewer
47078	Dept of Transportation	\$ 2,003.98	Fuel - Police \$1,250.53 and Public Works \$753.45
47079	East County Guns, Inc.	\$ 551.82	Capital Outlay - Police Dept
47080	Englund Marine & Industrial Supply	\$ 1,152.29	Streets \$55.54, Docks \$1,041.21 and Water \$55.54
47081	Fastenal Company	\$ 302.14	Operating Supplies - Streets \$151.06 and Water \$151.08
47082	Five Star Dealerships	\$ 351.76	Operating Supplies - Police Dept
47083	Gray & Osborne, Inc.	\$ 24,565.41	Professional Services - General Engineering \$642.14, Adams St \$10,272.10 and WTP \$13,651.17
47084	Grays Harbor County Dept of Public Health	\$ 120.00	Water Samples
47085	H.D. Fowler	\$ 44,632.79	Operating Supplies - Water Fund
EFT Pay	Invoice Cloud-EFT Pay	\$ 112.60	November 2021 Portal Access Fee
47086	Jonathan Quittner	\$ 775.00	Municipal Court Public Defender - December 2021
47087	Killian Dunkeson	\$ 900.00	Municipal Court Prosecutor - December 2021
47088	LeMay Mobile Shredding	\$ 52.50	Document Shredding
47089	Office of Financial Management	\$ 1,420.78	November 2021 Fines & Forfeitures

<b>EFT Pay</b>	<b>ONLINE Information Services - EFT Pay</b>	\$	<b>30.80</b>	Credit Reporting Services - November 2021
<b>47090</b>	Pacific County Dept of Public Works	\$	<b>1,656.72</b>	Eklund Park - December 2021
<b>47091</b>	Pacific County Emergency Management	\$	<b>8,345.00</b>	2021 Local Support
<b>47092</b>	Pacific County Prosecutor	\$	<b>17.12</b>	November 2021 Crime Victims
<b>47093</b>	PetroCard	\$	<b>341.80</b>	Fuel - Fire \$92.26 and Public Works \$249.54
<b>47094</b>	Pitney Bowes, Inc.	\$	<b>69.82</b>	Operating Supplies - City Hall
<b>47095</b>	PUD #2	\$	<b>7,531.60</b>	All Depts
<b>47096</b>	SeaWestern Fire Fighting Equipment	\$	<b>5,390.30</b>	Capital Outlay - Fire Dept
<b>47097</b>	South Bend Utilities	\$	<b>42.06</b>	Deposit Refund
<b>47098</b>	South Bend Pharmacy	\$	<b>125.67</b>	UPS Shipping - Water Fund
<b>47099</b>	Staples	\$	<b>87.47</b>	Office Supplies - Muni Court \$29.17, City Hall \$29.15 and Water \$29.15
<b>47100</b>	Steve's Front End & Brake, Inc	\$	<b>419.81</b>	Repair/Maintenance - Streets \$209.91 and Water \$209.90
<b>47101</b>	Thrivent Financial	\$	<b>2,316.60</b>	Annual Long Term Care - LEOFF 1
<b>47102</b>	TMG Services	\$	<b>4,015.92</b>	Repair/Maintenance - Water Fund
<b>47103</b>	U.S. Fire Equipment, LLC	\$	<b>18,048.66</b>	Capital Outlay - Fire Dept
<b>EFT Pay</b>	<b>Verizon - EFT Pay</b>	\$	<b>793.11</b>	One Talk - All Depts \$592.85, and Police Laptops \$200.26
<b>EFT Pay</b>	<b>VISA - EFT Pay</b>	\$	<b>2,106.56</b>	City Hall \$805.55, Police \$91.05, Streets \$92.87, Docks \$92.86, Parks \$35.66 and Water \$988.57
<b>47104</b>	Vision Forms, LLC	\$	<b>608.15</b>	Statement Automation - November 2021 Delinquent Notices & December Statements
<b>47105</b>	WA State Parks & Recreation Commission	\$	<b>2,185.45</b>	Annual Easement - RWWTP
<b>47106</b>	Walter E Nelson Company of Astoria	\$	<b>95.67</b>	Operating Supplies - Parks
<b>47107</b>	Willapa Harbor Herald	\$	<b>629.20</b>	Legal Notices
<b>47108</b>	Willapa Harbor Lions	\$	<b>87.50</b>	Operating Supplies - City Hall
<b>TOTAL</b>		\$	<b>216,943.48</b>	



# Register

Number	Name	Fiscal Description	Cleared	Amount
<u>24989</u>	Houk, Lloyd D	2021 - November - Second Council Meeting - November		\$1,650.00
<u>24990</u>	Ashley, Alan	2021 - November - Second Council Meeting - November		\$230.87
<u>24991</u>	Houk, Lloyd D	2021 - November - Second Council Meeting - November		\$3,496.17
<u>24992</u>	Dee Roberts-Coffee Fund	2021 - November - Second Council Meeting - November		\$55.00
<u>24993</u>	Nationwide Retirement Solutions	2021 - November - Second Council Meeting - November		\$805.00
<u>24994</u>	Teamster's Local #252	2021 - November - Second Council Meeting - November		\$678.50
<u>24995</u>	Thorbeckes	2021 - November - Second Council Meeting - November		\$38.86
<u>AFLAC-EFT-November 2021 Payroll</u>	AFLAC	2021 - November - Second Council Meeting - November		\$1,011.32
<u>AWC-EFT-November 2021 Payroll</u>	Association of WA Cities	2021 - November - Second Council Meeting - November		\$3,091.09
<u>DRS-EFT-November 2021 Payroll</u>	Dept of Retirement Systems	2021 - November - Second Council Meeting - November		\$12,432.31
<u>IRS-EFT-November 2021 Payroll</u>	The Bank of the Pacific	2021 - November - Second Council Meeting - November		\$21,925.59
<u>LNI-EFT-November 2021 Payroll</u>	Dept of Labor & Industry	2021 - November - Second Council Meeting - November		\$2,117.32
<u>November 2021 Draws</u>	Payroll Vendor	2021 - November - Second Council Meeting - November		\$12,525.00
<u>November 2021 Payroll</u>	Payroll Vendor	2021 - November - Second Council Meeting - November		\$43,139.75
<u>NWA-EFT-November 2021 Payroll</u>	Washington Teamsters Welfare Trust	2021 - November - Second Council Meeting - November		\$15,226.00
<u>PFML-EFT-November 2021 Payroll</u>	Employment Security Department	2021 - November - Second Council Meeting - November		\$218.39
<u>WASup-EFT-November 2021 Payroll</u>	Washington State Support Registry	2021 - November - Second Council Meeting - November		\$297.73
<u>WCIF-EFT-November 2021 Payroll</u>	Washington Counties Insurance Fund	2021 - November - Second Council Meeting - November		\$446.18
				<b>\$119,385.08</b>

**CITY OF SOUTH BEND**  
**ZOOM COUNCIL MEETING – 11/22/2021**

**1. CALL TO ORDER AND ROLL CALL**

The council meeting was called to order by Mayor Struck at 5:30 pm. Followed by roll call by Clerk/Treasurer Roberts. Members present: Councilor Kuiken, Councilor Manlow, Councilor Neve, Councilor Davis, Councilor Hall, City Supervisor Houk and Clerk/Treasurer Roberts. Police Chief Stigall was absent.

**2. APPROVAL OF AGENDA, CONSENT AGENDA AND APPROVAL OF MINUTES**

Prior to the motion to approve the Agenda, the Consent Agenda and the minutes of the November 8, 2021 regular meeting Mayor Struck requested an amendment to the agenda moving Item #5 – *New Hire Vaccination Police DRAFT* to #7a.

Councilor Neve made a motion to approve the amended Agenda, the Consent Agenda and the minutes of the November 8, 2021 regular meeting. The motion was seconded by Councilor Hall. **Motion passed unanimously.**

**Vendors – Check #47038 thru Check #47064 – 538,199.45 Including EFT Payments**

**3. CORRESPONDENCE - NONE**

**4. ORDINANCE #1568 – 2022 BUDGET (SECOND READING)**

Councilor Neve made a motion to accept Ordinance #1568. The motion was seconded by Councilor Davis. **Motion passed unanimously.**

**5. NEW HIRE VACCINATION POLICY DRAFT – MOVED TO 7A**

**6. BETTER BEACHES & BYWAYS**

Per Councilor Davis' request at the November 8, 2021 council meeting the Better Beaches & Byways information was included on the agenda. Following discussion, it was tabled until the December 13, 2021 council meeting.

**7. ITEMS FROM THE PUBLIC**

Citizen Aaragon Markwell spoke regarding his opinion about the new hire vaccination policy.

Citizen Loran Bergerson provided additional information about his property at 424 Central as well as his neighbor's property at 410 and 414 Central.

Citizen Chris Thompson again expressed his desire that the city purchase electronic speed devices which he has priced at under \$4,000. He also stated his feelings about the new hire vaccination policy.

Citizen Craig Spredeman noted his feeling about the new hire vaccination policy as well as the discussion during Better Beaches & Byways.

**7A. NEW HIRE VACCINATION POLICY DRAFT**

Mayor Struck presented the **DRAFT** New Hire Vaccination Policy. Following discussion, no changes were made to the draft. It will be presented for approval at the December 13, 2021 council meeting.

## **8. DEPARTMENT HEAD REPORTS**

- Police Chief Stigall gave kudos to the Dollar General for training their staff to watch for gift card scams. There were three attempts in the last month that they caught, called the police and his officers responded and talked to the individuals before they became victims!
- City Supervisor Houk reported that the city received notice that they had been approved for a Transportation Improvement Grant (TIB) for Broadway Avenue. A \$543,000 grant with no match.
- Councilor Hall asked who is responsible for keeping the crosswalks striped. City Supervisor Houk advised that is normally the Dept of Transportations job, but the "Steve Russell" crossing is the city's responsibility.
- Councilor Hall requested the status of the two derelict boats at the West end of town as well as the parking issues and storage containers that are located all over town. City Supervisor Houk advised that he and Police Chief Stigall are working on it.

## **9. MAYOR'S REPORT**

- ✓ Mayor Struck thanked Councilor Hall for his many years of service as councilor. Councilor Hall has been a voice of reason, wisdom and knowledge and it has been appreciated.
- ✓ Per Councilor Hall's request Mayor Struck contacted the auditor's office regarding the length of time between counting of votes and certification. It has to do with anonymity at the end of the count.
- ✓ Mayor Struck wished everyone a Happy Thanksgiving.

## **10. PUBLIC COMMENT – CURRENT AGENDA ITEMS**

Citizen Craig Spredeman again expressed his opinion regarding the new hire vaccination policy.

## **11. COUNCIL COMMENTS**

- 🗣️ Councilor Neve requested a status update on the buildings, properties, etc. that Police Chief Stigall and City Supervisor Houk are working on. City Supervisor Houk advised he would send her the information.
- 🗣️ Councilor Neve wished everyone a Happy Thanksgiving and get vaccinated.
- 🗣️ Councilor Manlow gave kudos to the city for all of their work on securing the TIB grants.
- 🗣️ Councilor Manlow thanked Councilor Hall for his service on the council.
- 🗣️ Councilor Davis expressed her concern about the two-way traffic in front of the South Bend school.
- 🗣️ Councilor Davis is extremely disappointed with the community right now.
- 🗣️ Councilor Hall suggested that the city spend money on a portable electronic speed sign so it can be moved to different areas as needed.
- 🗣️ Councilor Hall wished everyone a Happy Thanksgiving.
- 🗣️ Councilor Kuiken thanked Councilor Hall for being level headed and for his knowledge. He also thanked the city crew and the police department for their good work.

**12. FUTURE AGENDA TOPICS – NONE**

**13. ADJOURNMENT**

The meeting was adjourned at 6:29 PM to meet again on Monday, December 13, 2021 for the next regularly scheduled council meeting via Zoom unless otherwise announced.

\_\_\_\_\_  
**Julie K. Struck**  
**Mayor**

**ATTEST:**

\_\_\_\_\_  
**Dee Roberts**  
**Clerk/Treasurer**

October 22, 2021

City of South Bend  
Mayor and City Council  
Mayor Julie Struck  
Council Member Wyatt Kuiken  
Council Member Darren Manlow  
Council Member Patricia Neve  
Council Member Jan Davis  
Council Member Robert Hall  
South Bend, WA. 98586

Dear South Bend Mayor and Council Members,

Better Beaches and Byways is a group of Pacific County residents that have come together to address the ongoing impact of fireworks during the Fourth of July period.

We appreciate your continued discussion looking into developing a new fireworks ordinance for the City of South Bend. We hope that you not only take in consideration your residential survey, but also looking carefully at the impact fireworks has on our environment and our residents.

Better Beaches and Byways is calling for a full ban on the sale, possession and use of consumer fireworks in South Bend, and Pacific County, Washington.

A Ban will benefit the well-being of our community by:

- Keeping our beaches and byways healthy and beautiful for generations to come; free from the fireworks toxins that pollute the beach, ocean, waterways, and air.
- Eliminating the many forms of harm it causes to residents, pets, wildlife, and the environment.
- Preventing fires, loss of property, and injury.

We are committed to working with communities, businesses, local governing bodies, and agencies to create and promote family-friendly celebrations and activities that attract and welcome visitors in ways that keep our community vibrant and preserve our natural landscapes.

The South Bend Shoreline Management Program outlines the vision for the city. Is the decision to continue to allow fireworks congruent with these key elements of South Bend's vision for the city:

Preserve Our Natural Beauty: "The City of South Bend is a special, peaceful place of great natural and aesthetic beauty. The community's greatest asset contributing to its singular charm is the Willapa River and its shorelines."

Protect Our Natural Resources: "The health of South Bend's shorelines is the foundation to its natural beauty. Clean water, abundant fish and wildlife, and large, scenic open spaces contribute to the quality of life of residents and visitors alike."

"South Bend's quality of everyday life owes much to the health of the Willapa River and its sloughs. The shorelines provide significant opportunities for commercial and recreational fisheries, seafood processing, active and passive water-enjoyment recreation, and tourism. When people and the natural environment coexist in harmony, the shorelines will continue to provide a bright future for South Bend."

Encourage Tourism: "With good planning ..., South Bend's waterfront can become a model Washington community, much like Port Townsend, Langley, and La Conner."

However, it is important to note that the three towns listed above have a complete ban on fireworks. They rely on other cultural and nature-based tourism to draw high spending visitors.

By preserving this natural environment, which requires no investment other than being congruent with your vision, we believe long term resiliency and stability could be achieved for the South Bend. By supporting South Bend's vision of preserving natural assets, more lucrative tourism opportunities become available.

For instance, just steps away from South Bend, land has been designated as an international site of importance for migratory birds (WSHRN). Bird watching is a \$41 billion dollar industry from which we could benefit year around. It is beneficial to preserve our river and sloughs, as natural habitat for wildlife and to attract visitors. Willapa Bay, one of the most pristine estuaries left in the United States, is noted for its beauty and for its importance as a shellfish economy. South Bend is a river-bay economy that we have been given the stewardship to preserve and protect.

"It is estimated that over \$800 billion is spent a year in outdoor recreation in the U.S., with birdwatching having an economic benefit of \$41 billion dollars, roughly \$17.30 billion is spent annually in wildlife watching trip related expenses . . ." - The Daily Beast, July 2019

However, fireworks are not congruent with South Bend's prosperity goals, because:

- Fireworks contains heavy metal toxicants that are known to harm salmon, a keystone species important to South Bend.
- Fireworks debris such as plastics harms birds, ocean animals, and wildlife. Plastics often leads to the death of ocean animals and wildlife.
- Copper toxicants leads to acidification and warming of oceans and estuaries.
- Noise pollution from fireworks seriously affects many people, especially veterans that suffer with PTSD. It also creates great anxiety in our pets, as well as wildlife.
- Fireworks contain toxic metals that turn to fine particles, when exploded drift in the air and are breathed up for ten days.

We are also greatly concerned about wildfires caused by fireworks that could destroy our precious resources including homes, businesses, and wildlife. South Bend is at greater risk because the houses are so close together. Six towns burned down on the west coast this past summer, and they didn't think it could happen to them. Reducing days does not protect against a wildfire; it only takes a second and one spark.

We have included supporting documentation and research on the harmful effects fireworks has on our community as well as visitorship.

Better Beaches and Byways looks forward to working with South Bend to make decisions that protect the well-being of the community: our homes, environment, businesses, residents, pets, wildlife, and river.

Sincerely,

Better Beaches and Byways

Steering Committee

Diana Thompson

Jim Unwin

Shelby Mooney

Catherine Brown

Kathleen Davies

Rebecca Lexa

## Fire Danger

Fire is an increasing and serious threat due to ongoing drought and excessive heat episodes. Fire is danger to towns, nature, and the lives of people and animals.

Overwhelming evidence shows that wildfires and drought are not going away anytime soon and in fact, are intensifying each year. Reducing days does not protect against a fire, it only takes one second, one spark.

- Six towns on the West Coast burned down this year (2021)
- More fires occur on the 4<sup>th</sup> of July in the U.S than at any other time
- We recently this summer experienced a wildfire, and had the wind been strong, it would have been devastating to the nearby town of Ilwaco
- A Tokeland family, including a disabled person, "had to be rescued from their home by two good Samaritans, and lost part of their home due to fireworks landing on their roof"



Greenville, CA / Photo: AP/Noah Berger

"We are gravely concerned about the potential for humans to accidentally start fires – from fireworks and other activities – by adding ignitions to this combination of historic drought, heat, and dry vegetation."

- 150 forest, climate, environmental, fire ecology, wildfire, and marine scientists urged a ban on the 4<sup>th</sup> of July 2021 - - theconversation.com, SFChronicle, U.S. News, Grist

## **Fireworks are harmful to people, domestic animals, and wildlife**

Having military-grade personal explosives being set off in the community for days on end causes harm

- stress from noise and mayhem
- debris and toxins deposited on beaches and washed out into the ocean where birds and animals get caught in and or ingest plastic and debris
- Many pets were lost to anxiety and stroke
- Fireworks contain toxic metals that turn to fine particles when exploded, drift in the air, and are breathed for up to 10 days

### **Toxic Pollution: Air and Debris**

"We have advised concerned citizens about how they can protect themselves from the negative health effects...to be aware that fireworks smoke has a lot of toxins including fine particle pollution and heavy metals...after July 4th Independence Day fireworks found particle pollution increases ranging from 42% to 370%."

- Ranil Dhammapala, Atmospheric Scientist, Air Quality Program, Washington Dept of Ecology - email August 24, 2021

"The global plastic pollution crisis is approaching an irreversible 'tipping point' ... Up to 23 million metric tons of plastic end up in rivers, lakes, and oceans each year, and that amount could potentially double by 2025 if nothing is done to stop it."

August 2021—oceana.org



## Noise Pollution

Justine Coordt, Resident, Raymond

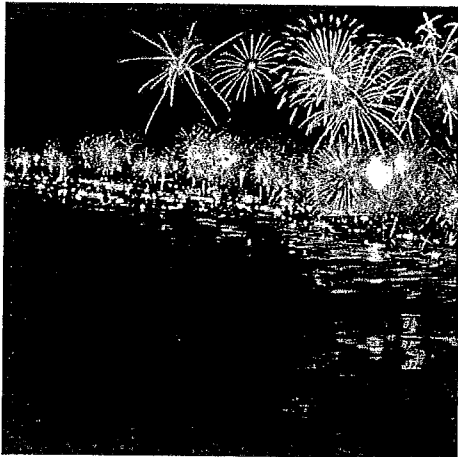
"Something I haven't heard anyone speak about is our veterans and the PTSD that affects them so much during fireworks. I think the way veterans are treated and disposed of is atrocious and people need to consider them way more than they do in every aspect of life. This one especially." - 1:15:10 / Pacific County Commisioners Hearing August 24, 2021

Dawnya Davis, Business Owner, Long Beach

"The death count on the dogs which are my clients was enormous this year... PTSD many dogs put to sleep suffering strokes" – 1:00 / Pacific County Commissioners Hearing August 24 2021

"Birds are just as frightened of fireworks as cats and dogs are. When fireworks explode in the vicinity of a roost, or even around individual birds, the results can be fatal."

-Ray Brown, Talkin' Birds podcast, NPR article



## Fireworks Trash is costly to the community

In recent years high tides have washed fireworks debris and trash into the ocean before the clean-up volunteers can arrive. Businesses, fighting for fireworks, benefit economically at the expense of residents and environment.

- 40 tons of fireworks debris and other trash was cleaned up from the beach by groups and resident volunteers
- Residents (and visitors) continue to pick up debris months after the 4<sup>th</sup> of July
- Plastics in trash have become a major problem worldwide. Birds and sea animals eat plastic mistaking it for food and die. Plastic disintegrates into micro-particles which have now been found in the air and waterways, animals and humans.

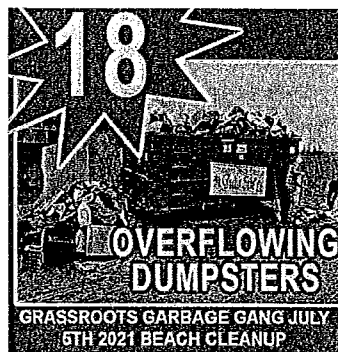
\*

"11,547 Peninsula volunteers cleaned up 381.62 tons of trash between 2002-2021" -

\*2009 and 2020 not counted/2021 volunteers count not in yet--ourbeach.org

"\$330,251.38 is the cost of our volunteer labor at U.S. volunteer rate of \$28.54 counting only 1 hour per person." - April 2021, Globenewswire

What's the cost of charges at dump, cost of dumpsters, bags, hauling, any rented equipment?



## Visitorship

News Headlines Travel, Fireworks - What Prospective Visitors See

2015

Seattle Times

Life | Local News | Northwest | Travel

### Long Beach Peninsula, staggered by last year's July 4 partiers, says 'come again, but behave'

Originally published June 24, 2016 at 2:23 pm | Updated June 24, 2016 at 2:34 pm

2020

Public Broadcasting



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### Northwest Coastal Beach Communities Bracing For July 4th Revelers ... And Their Trash

By [Tom Ransa](#) | July 1, 2020



On July 5, 2019, volunteers on the Long Beach Peninsula collected approximately 16 tons of trash left behind by Independence Day revelers. Courtesy of Grassroots Garbage Gang

2021

<https://www.chinookobserver.com> > news > local > penins...

### Peninsula readies for July 4 fireworks frenzy - Chinook Observer

Jun 21, 2021 — **LONG BEACH PENINSULA** — Although the city of Long Beach won't be holding its official Fourth of July fireworks show this year, the peninsula ...

## Enforcement

The chaos from 4<sup>th</sup> of July fireworks is not new. In fact, it has made the news at least since **2015**. Camping was eradicated after that. But enforcement is still lacking as problems grow.

- Lack of resources to enforce ordinances
- Talk this year about better management and more officers on the beach and in town

### 2016

"If you're thinking of heading to the ocean beaches for a wild and rowdy Fourth of July, you might want to think again. Folks on Washington's Long Beach Peninsula — law enforcement personnel included — will be watching for you." Jacob Nierenberg, Seattle Times 2016

"the community is teaming up with local and state governments in order to promote safe and responsible celebration" - Jacob Nierenberg, Seattle Times, 2016

### 2021

If there are not resources to clean up the beach, enforce the laws, protect neighborhoods, those on the beach, and protect against wildfires or house fires, even though promised, then just on this fact alone shouldn't consumer fireworks be banned on the 4<sup>th</sup> of July (and on New Year's Eve)?

Other events are regulated by fire safety, occupancy, standing laws of behavior, driving laws, parking, food handling, but fireworks are not?

## Video



This video documents Pacific County's "New Tradition"

**Link:**

[http://www.lightinmotionshowcontrol.com/BBB/BetterBeaches03.mp4?  
fbclid=IwAR2Su1yEFi3YXGI2u7\\_yOKV8FUSah6yy2Y50ZtOkPM25vV7RtuMV5iww13s](http://www.lightinmotionshowcontrol.com/BBB/BetterBeaches03.mp4?fbclid=IwAR2Su1yEFi3YXGI2u7_yOKV8FUSah6yy2Y50ZtOkPM25vV7RtuMV5iww13s)

## Tourism and Fireworks

Many visitors come to the Peninsula and Pacific County drawn by the beauty of place. They come to Hike in Nature, Go to the Beach, Kayak, Visit the Wildlife Refuges, Bird and Wildlife Watch, Fish and Clam dig, and Explore Historic Sites.

- We need to preserve and protect our natural landscapes, beaches, oceans, and waterways so we can attract additional nature and bird-watching tourism which is a billion dollar industry.

"Birding (Yes, Birding) is a Multi-Billion Dollar Ecotourism Industry" - thedailybeast.com, July 2019

"It is estimated that over \$800 billion is spent a year in outdoor recreation in the United States, with birdwatching having an economic benefit of \$41 billion dollars. Roughly \$17.30 billion is spent annually in wildlife-watching trip-related expenses in the U.S., with more than 20 million Americans taking birding-specific trips. " - thedailybeast.com, July 2019

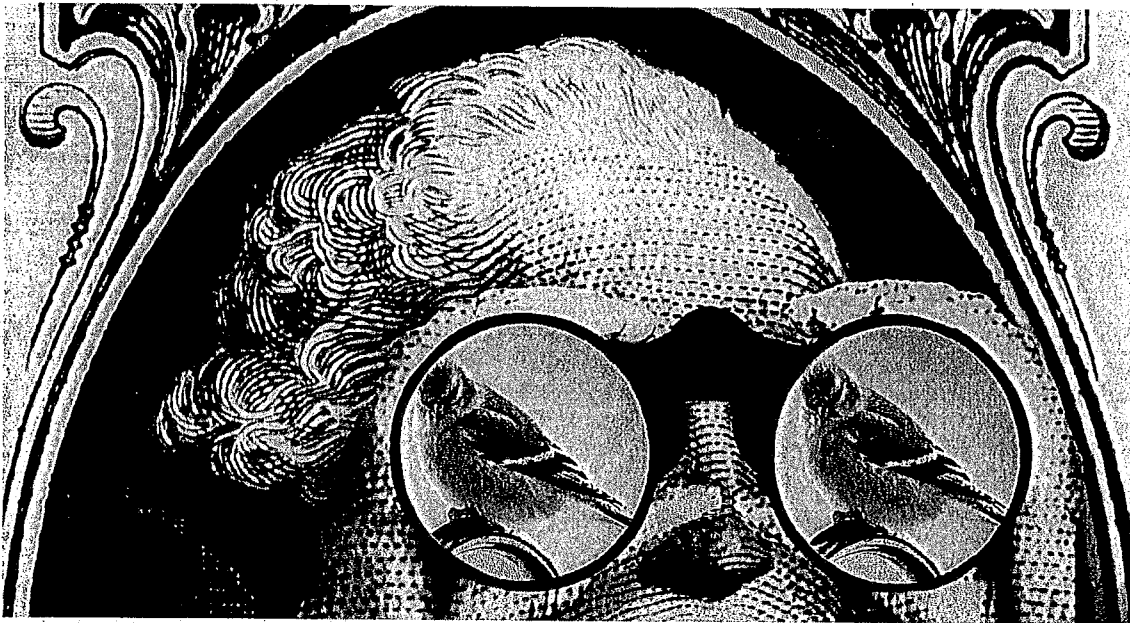


Photo illustration by Sarah Rogers/The Daily Beast

## **We Need To Do Our Part**

Organizations such as the Columbia Land Trust, Nature Conservancy, and the Willapa National Wildlife Refuge have preserved land here that is home to wildlife and migratory birds. There is also a Swan Preserve at Hines Marsh and a preserve for the western Snowy Plover, a threatened bird, at Leadbetter Point. Bald Eagles nest on the beach. Oysters and shellfish farming from Willapa Bay are a major part of our economy and employer in Pacific County, as is the fishing industry in the Columbia River and Pacific Ocean.

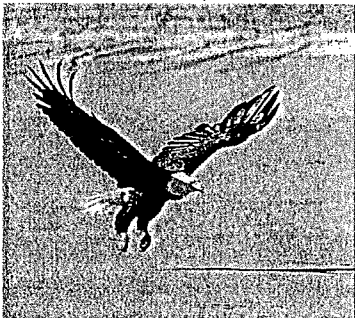
\*

### **Seashore Conservation Area**

The Seashore Conservation Area was established in 1967 to provide and preserve recreational use on Washington's coast for generations to come.

The Seashore Conservation Area comprises 62 miles of the state's coastline between: Cape Disappointment, from the mouth of the Columbia River to Leadbetter Point. (Long Beach Peninsula — 27 miles) The mouth of Willapa Bay, in Tokeland, and Point Chehalis, in Westport (South Beach — 13 miles)

"Our beaches constitute some of the last unspoiled seashore remaining in the United States." - WA State Seashore Conservation Area Plan



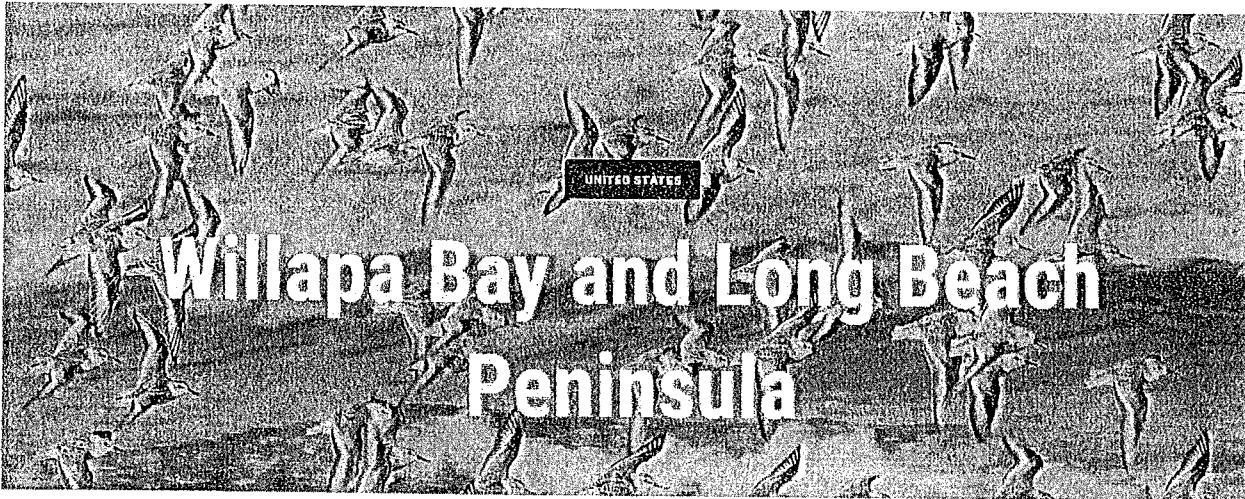
\*

### **Willapa Bay**

Willapa Bay is one of the most pristine estuaries in the United States and is the second largest estuary on the Pacific Coast. Estuaries are among the most productive natural systems on earth due to the mixing of nutrients from land and sea.

fws.gov

## An International Site of Importance for Migratory Birds



"Willapa Bay and Long Beach Peninsula are located in southwest Washington State between Grays Harbor to the North and is a WHSRN (Western Hemisphere Shorebird Reserve Network). It is of hemispheric Importance for migratory shore birds; and a critical link along the Pacific Flyway threatened by human disturbance and climate change."

[wshrn.org](http://wshrn.org)

### Marine Shoreline

"The marine shoreline is a vibrant ecosystem found in Western Washington. From the Pacific coast to the Puget Sound, this ecosystem supports a wide range of fish and wildlife. The dynamic nature of marine shorelines and the interactions between water and land is what makes this ecosystem so rich and filled with life."

- WA Department of Fish & Wildlife, September 2021

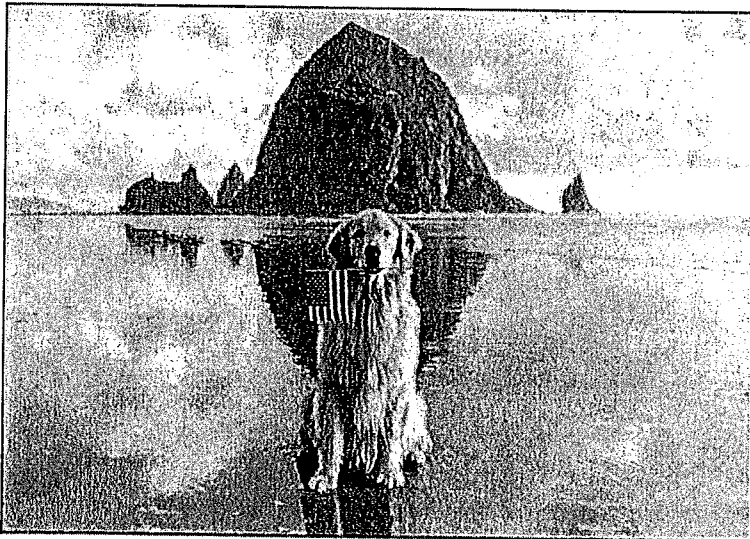
## Visitorship and Fireworks

### Visitorship:

- The 2021 Long Beach Visitors Bureau Fireworks Survey of about 250 Businesses shows that Cannon Beach's visitorship was up while Long Beach's visitorship was down
- The PCTB survey shows that 41.2% of businesses want a ban on fireworks
- Cannon Beach banned all fireworks and has thrived

"In July of 2020 Cannon Beach City Council decided, based on the public concerns for fire danger as well as animals and sea birds, to ban all fireworks in the city limits of Cannon Beach. " - Cannon Beach Gazette

Cannon Beach Tourism Slogan is: 'Safe Zone for birds, pets and wildlife.'  
- Cannon Beach Gazette



Cannon Beach

## Contact Information:

### Better Beaches and Byways

#### Steering Committee

Diana Thompson

James Unwin

Missy Bageant

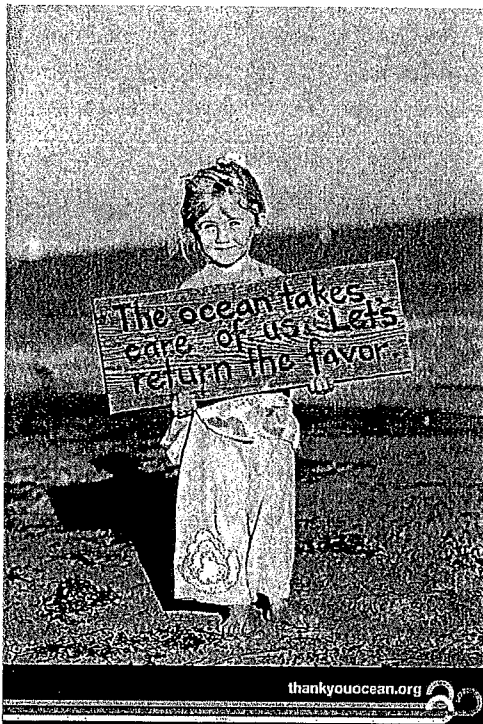
Shelby Mooney

Cathy Brown

Kathleen Davies

Rebecca Lexa

[betterbeachesandbyways@gmail.com](mailto:betterbeachesandbyways@gmail.com)



# Bibliography

## DATA AND SURVEYS

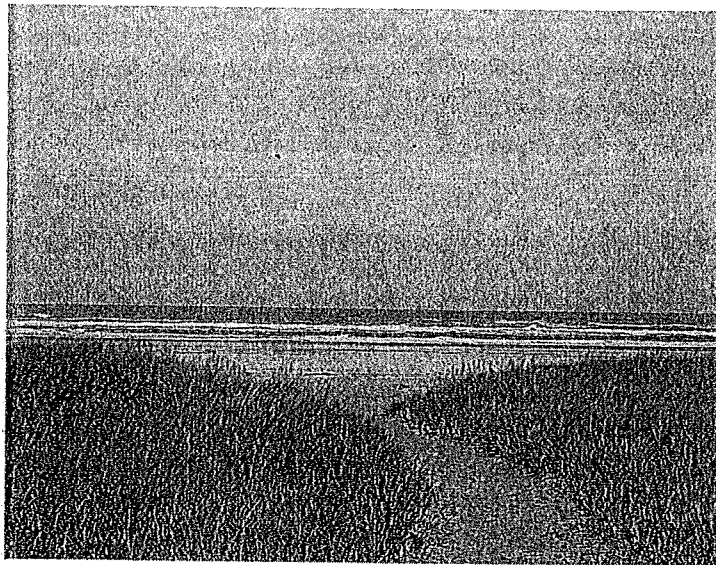


photo: Rebecca Lexa, Beach Approach at Loomis Lake State Park

## Surveys

The City of Long Beach, South Bend, Pacific County Commissioners, and Long Beach Peninsula Visitors Bureau have done surveys of residents and in the case of PCVB they surveyed businesses.

### Results

Results for zero days or eight days are close yet for the County, the most people surveyed, zero wins out.

### City of Long Beach Fireworks Survey

277 respondents

Zero days 69

8 days 84

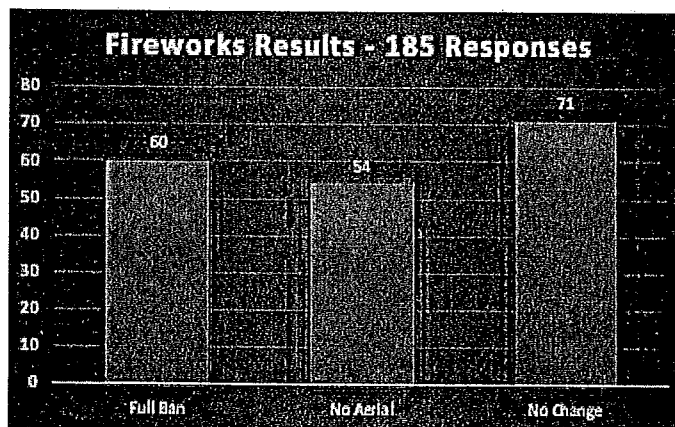
### South Bend

185 respondents

Ban 60

No Aerial 54

No change 71



### Pacific County Fireworks Survey

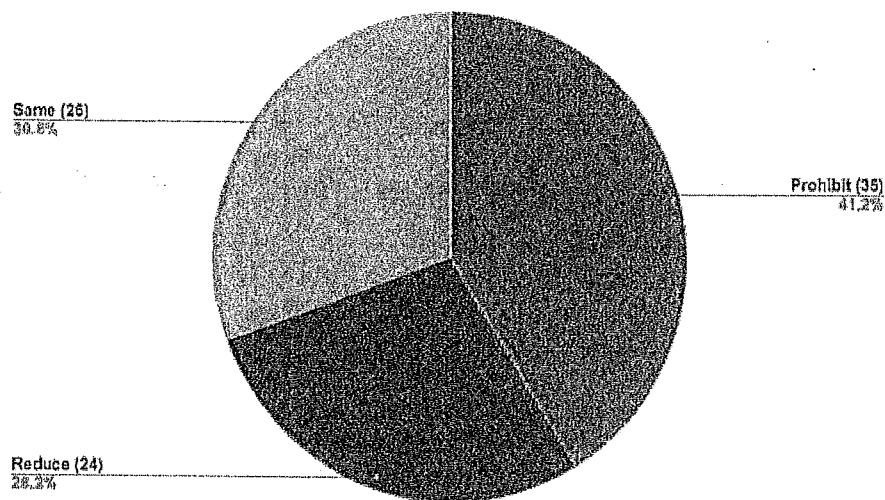
1231 respondents

0 days 378

8 days 249

Pacific County Tourism Bureau  
Fireworks Survey to Pacific County Business  
Chart of Responses

Count of Responses - 85 BUSINESSES responded



Responses:	Number of Businesses
Attraction	6
Lodging	25
Lodging/Restaurant	1
Restaurant	15
Retail	17
Retail/Restaurant	5
Service	15
Service/Retail	1

Total Responses: 85

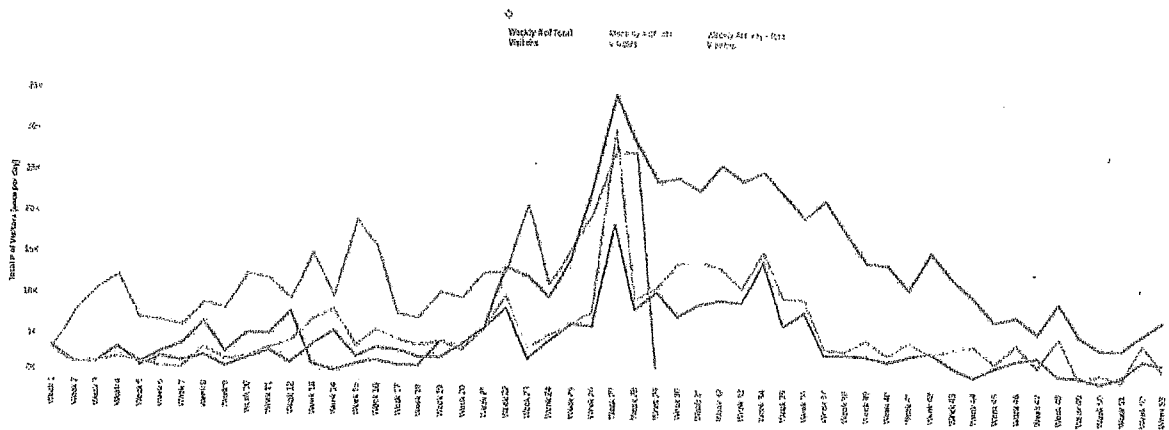
Pacific County Tourism Bureau  
 Visitorship Graphs  
 Our Beach

green = 2021  
 red = 2020  
 yellow = 2019  
 blue = 2018

We est. % of those on beach week of 4th  
 staying in paid lodging :

2021 - 24%  
 2020 - 26%  
 2019 - 35%  
 2018 - 38%

Total Visitors



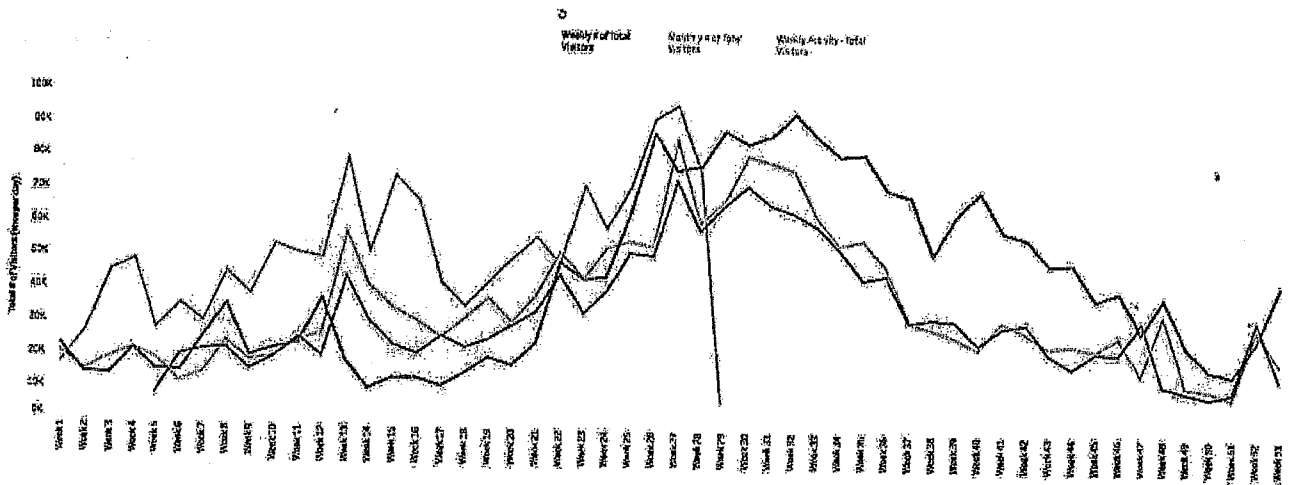
Our Beach (Seaside to Surfside)

4/4

Pacific County Tourism Bureau  
Visitorship Graphs  
Cannon Beach

green = 2021  
red = 2020  
yellow = 2019  
blue = 2018

Total Visitors



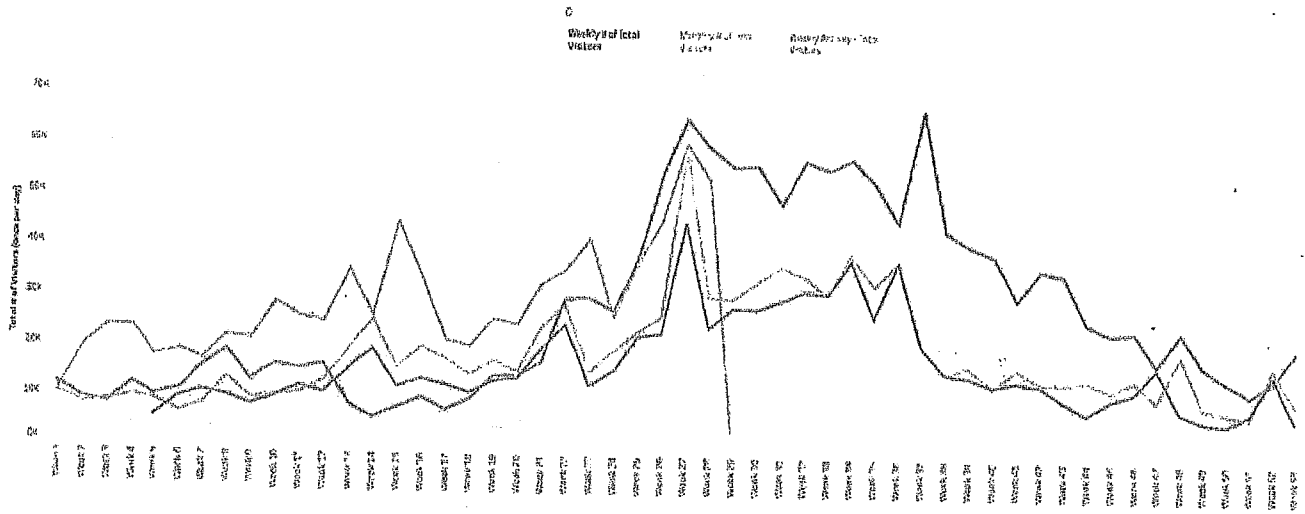
Cannon Beach - weekly total visitors  
Voted to ban all pers. fireworks in 2020

1/4

Pacific County Tourism Bureau  
 Visitorship Graphs  
 Long Beach

green = 2021  
 red = 2020  
 yellow = 2019  
 blue = 2018

Total Visitors



City of Long Beach - weekly total

3/4

Pacific County Tourism Bureau  
Visitorship Survey Comments  
Long Beach

Comments from Pacific County Businesses explaining why they want a ban

"My business spends thousands of dollars and hundreds of hours a year promoting the peninsula as a quiet, wildlife friendly, dog friendly, vacation spot. The 4<sup>th</sup> undoes that work with a massive display of ecologically harmful fireworks. We end up closing as the group in town clogs roads, shoots off fireworks in our parking lot and steals things. The massive lack of law enforcement doesn't help, this year I had customers leave early due to the noise and commotion. "

\*

"Hospitality would be 100% anyway without all the added problems. The City is totally sponsoring the irresponsible "Drink All Day and blow shit up all night" crowd and putting all citizens and their property in danger, while purposely destroying the environment for profit."

\*

Please stop the madness"

\*

"Our neighborhood and beach are a war zone long into the night...there is a blue haze of smoke covering the neighborhood. The animals and pets are scared out of their minds. The beach is left trashed and we have to pick it up. Can't think a reason to have personal fireworks, not to mention the danger of dune fires."

\*

"I know the tourists bring money to the community, but the harm they cause far outweighs the gains."

Pacific County Tourism Bureau  
Visitorship Survey Comments  
Long Beach

"The noise is unwelcome to humans and frightens the animals (both domestic and wild). I am of the opinion, contrary to some, that this area will survive and tourists will still come without the fireworks."

\*

"Concerned about fires and wildlife. "

\*

"It's time to make a move to protect our environment!"

\*

"I'm surprised the EPA hasn't taken the lead on this issue"

\*

"We need to protect the water, the wildlife, the birds and the beaches from this craziness that has gotten worse and worse over the years"

\*

Everyone I've spoken with, dozens and dozens..and the two blog forums are extremely upset and want no fireworks anymore, If anything I lost business. The drunk people began rolling in and we closed early. No one wanted to be kind and follow any kind of rules. No decency. We want to move away because of this. The beach sells itself.

\*

"The fireworks have gotten totally out of hand. This needs to stop."

---

## A Call to Ban Fireworks in Pacific County

Sign on and join us in the call to ban the sale, possession, and use of personal consumer fireworks in Pacific County.

Better Beaches & Byways supports a full ban on the sale, possession and use of consumer fireworks in Pacific County, Washington.

A Ban will benefit the well-being of our community by:

- Keeping our beaches and byways healthy and beautiful for generations to come, free from the fireworks toxins that pollute the beach, ocean, waterways, and air.
- Eliminating the many forms of harm it causes to residents, pets, wildlife, and the environment.
- Preventing fires and injury

Better Beaches and Byways is committed to working with communities and businesses to create and promote family-friendly celebrations and activities that attract and welcome visitors in ways that keep our community vibrant, and also preserve our natural landscapes.

**Petition Start Date: September 7, 2021**

**Signatures as of September 30, 2021: Over 250**

**Petition Status: Ongoing**

## Bibliography

## Bibliography

### Fire

1

Towns burned down 2021

#### **Greenville, CA**

<https://www.usnews.com/news/us/articles/2021-08-05/fire-engulfs-northern-california-town-leveling-businesses>



Photo: AP/Noah Berger

2

#### **Five Towns Destroyed in Oregon by Wildfires**

<https://www.usnews.com/news/top-news/articles/2020-09-09/explosive-western-us-wildfires-threaten-oregon-towns>

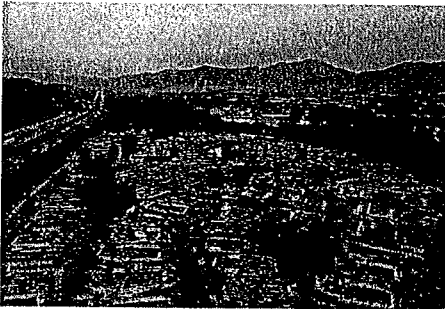


Photo: Reuters/Andrees Latif

3

### Ilwaco fire

[https://www.chinookobserver.com/multimedia/photos/ilwaco-fire-brings-full-scale-response/collection\\_4af1a552-f0cf-11eb-8486-fb665c6acf16.html](https://www.chinookobserver.com/multimedia/photos/ilwaco-fire-brings-full-scale-response/collection_4af1a552-f0cf-11eb-8486-fb665c6acf16.html)

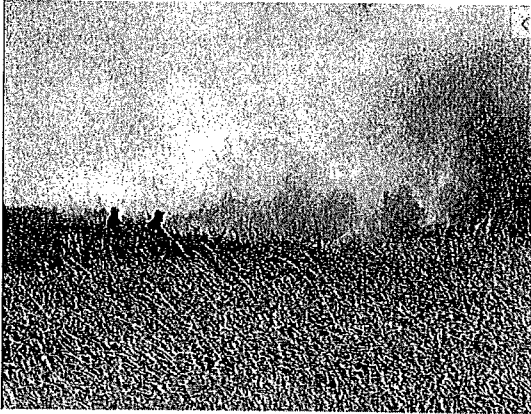


Photo: Chinook Observer

4

### senator patty murray looks for input on wildfires...

KHQ-Q6 NBC

[https://www.khq.com/news/senator-patty-murray-looks-for-input-on-wildfire-prevention-investments-from-local-leaders/article\\_8a5aa628-11f7-11ec-8bf7-333c7c419fc3.html?fbclid=IwAR3QVq-74ReiuGDBSIgxFcVqJJzEg8uQmLjXQKV5A3taJ1rb1-nSqLmhQ](https://www.khq.com/news/senator-patty-murray-looks-for-input-on-wildfire-prevention-investments-from-local-leaders/article_8a5aa628-11f7-11ec-8bf7-333c7c419fc3.html?fbclid=IwAR3QVq-74ReiuGDBSIgxFcVqJJzEg8uQmLjXQKV5A3taJ1rb1-nSqLmhQ)

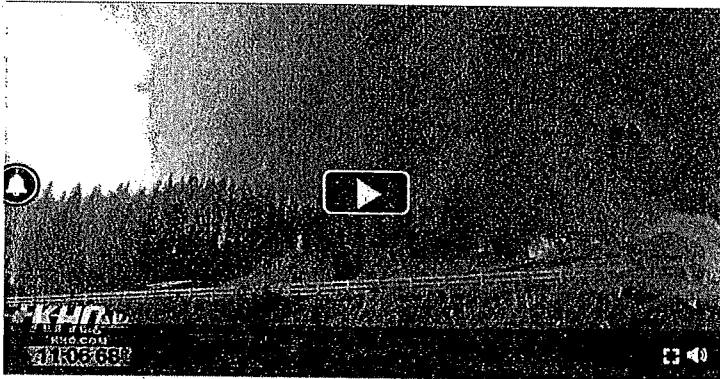


Photo: KHQ/Q6 NBC

5

### Why fire scientists want you to skip the fireworks this fourth of july / Grist

<https://grist.org/climate/a-terrible-idea-why-fire-scientists-want-you-to-skip-the-fireworks-this-fourth-of-july/>

6

**U.S News Experts Urge Caution**

<https://www.usnews.com/news/best-states/articles/2021-07-02/experts-urge-caution-with-july-4-fireworks-in-west-amid-heat-wave>

7

**Scientists issue urgent plea / SF Chronicle**

<https://www.sfchronicle.com/california-wildfires/article/Scientists-issue-urgent-plea-for-drought-stricken-16288401.php>

8

**Connie King/Darrell Cunningham, Tokeland /House Burned Down From Fireworks Fourth of July 2021**

Pacific County Commissioners Hearing, August 24, 2021/Testimony starts at 27.51

9

**Skip the fireworks this record 4<sup>th</sup> of July / The Conversation**

<https://theconversation.com/skip-the-fireworks-this-record-dry-4th-of-july-over-150-wildfire-scientists-urge-the-us-west-163561>

10

**Fireworks hearing airs views on hot button issue / The Chinook Observer**

[https://www.chinookobserver.com/news/local/fireworks-hearing-airs-views-on-hot-button-issue/article\\_9e34520c-0a09-11ec-8d2f-dfd68514fa95.html](https://www.chinookobserver.com/news/local/fireworks-hearing-airs-views-on-hot-button-issue/article_9e34520c-0a09-11ec-8d2f-dfd68514fa95.html)

**Smoke and Air Pollution**

11

**The Hidden Toll of Fireworks / National Geographic**

<https://www.nationalgeographic.com/environment/article/the-hidden-toll-of-july-fourth-fireworks>

12

**Ranil Dhammapala, Atmospheric Scientist, Washington Department of Ecology**

Direct email to Kathleen Davies / Better Beaches and Byways Communications Team

13

### **Festive Fireworks Create Harmful Pall of Pollution**

Fireworks create highly toxic gases and pollutants that poison the air, the water, and the soil, making them toxic to birds, wildlife, pets, livestock – and people

<https://www.forbes.com/sites/grrlscientist/2019/12/31/festive-fireworks-create-harmful-pall-of-pollution/>

#### **Forbes article sources:**

**A**

"levels of some metals remained elevated above background for days after the event as a reservoir of metalliferous dust persisted within the urban area."

Journal of Hazardous Materials, Vol. 183, Issues 1-3, 15 November 2010, Pgs 945-949

[Effect of fireworks events on urban background trace metal aerosol concentrations is the cocktail worth the show? - Science Direct](#)

**B**

"Although fireworks are displayed for entertainment, its environmental costs are dire. Perchlorates are also emerging as potent thyroid disruptors, and they have an impact on the ecology too."

Environmental impacts of perchlorate with special reference to fireworks. Environmental Monitoring and Assessment, 186, 7203-7210 (2014)

[Environmental impacts of perchlorate with special reference to fireworks – a review. SpringerLink](#)

**C**

"the particulate matter generated by the pyrotechnic displays could have an atmospheric residence time of more than one week in the case of firework combustion because many of the elements released are both toxic and finely respirable." Found metal particles that are very dangerous can be inhaled and settle in water. Ba (barium) pb (lead) Sr (strontium)

[Effects of Outdoor Pyrotechnic displays on the Regional Air Quality of Western Washington State: Journal of Air & Waste Management Association: Vol 49, No 2 \(tandfonline.com\)](#)

**D**

"Although firework related recreational pollution episodes are transient in nature they are highly concentrated, contribute significantly to total annual metal emission, and are on average fine enough to be easily inhaled and a health risk to susceptible individuals."

[Recreational atmospheric pollution episodes: Inhalable metalliferous particles from firework displays – Science Direct](#)

## Harm to the Environment

14

### **Common Firework Pollutants Detected in Shark Bodies**

<https://www.seeker.com/common-firework-pollutants-detected-in-shark-bodies-1902621162.html>

15

### **How do fireworks harm Wild Birds?**

<https://www.forbes.com/sites/grrlscientist/2017/12/30/how-do-fireworks-harm-wild-birds/?sh=2744df73118c>

16

### **Keeping Wildlife Safe on Independence Day**

<https://www.fws.gov/midwest/news/IndependenceDay.html>

### **Plastics Pollution**

17

### **What are MicroPlastics?**

Plastic is the most prevalent type of marine debris found in our ocean and Great lakes.

<https://oceanservice.noaa.gov/facts/microplastics.html>

18

### **Marine Plastics**

The most visible and disturbing impacts of marine plastics are the ingestion, suffocation and entanglement of hundreds of marine species. Marine wildlife such as seabirds, whales, fishes and turtles, mistake plastic waste for prey, and most die of starvation as their stomachs are filled with plastic debris.

<https://www.iucn.org/resources/issues-briefs/marine-plastics>

19

### **The Global Plastic Pollution Crisis is Reaching an Irreversible Tipping Point**

<https://oceana.org/blog/global-plastic-pollution-crisis-approaching-irreversible%C2%A0%E2%80%98tipping-point>

20

**Air, bottled water and seafood were the biggest sources for ingested microplastics.**

<https://time.com/5601359/microplastics-in-food-air/>

## **Tourism and Visitorship**

**21**

### **Long Beach Peninsula Visitors Bureau Survey and Data PDF**

Canon Beach, who banned fireworks, visitorship went up in 2021. Long Beach WA went down.

**22**

### **Birding (Yes, Birding) is a Multi-Billion Dollar Ecotourism Industry**

July 2019

<https://www.thedailybeast.com/birding-yes-birding-is-a-multi-billion-dollar-ecotourism-industry>

## **Trash**

**23**

### **Trash Count**

<https://ourbeach.org/garbage-factoids/>

**24**

### **Value of Volunteer Hours**

<https://www.globenewswire.com/en/news-release/2021/04/20/2213723/0/en/Independent-Sector-Releases-New-Value-of-Volunteer-Time-of-28-54-Per-Hour.html>

**25**

### **Grassroots Garbage Gang**

GrassRoots Garbage Gang, P.O. Box 1480, Ocean Park WA.

## **Stewardship**

**26**

### **Seashore Conservation Area**

<https://parks.state.wa.us/1160/Seashore-Conservation-Area>  
also PDF of the plan

**27**

### **Western Hemisphere Shorebird Reserve Network**

[https://whsrn.org/whsrn\\_sites/willapa-bay-and-long-beach-peninsula/](https://whsrn.org/whsrn_sites/willapa-bay-and-long-beach-peninsula/)

28

**Marine Shoreline**

<https://wdfw.wa.gov/species-habitats/ecosystems/marine-shorelines>

29

**Willapa Bay**

<https://www.fws.gov/willapa/wildlife/wildlife.html>

**Videos**

30

**Video For Better Beaches and Byways**

<http://www.lightinmotionshowcontrol.com/BBB/BetterBeaches03.mp4?fbclid=IwAR3YOgKIOHPTUXMz-S0pkJOUTFoGtSU6ugmfzCb8gZY09b90FGdSsn6GCko>

31

**Chinook Observer July 4, 2020**

<https://www.facebook.com/ChinookObserver/videos/406733550238227>

32

**You Tube July 4, 2019 734 views**

<https://www.youtube.com/watch?v=v9Qd1pmJpac&t=39s>

33

**You Tube July 4<sup>th</sup> 2020 968 views**

<https://www.youtube.com/watch?v=oktWhTW-ujw>

**Fireworks Surveys**

34

**Pacific County Fireworks Public Opinion Survey-August 2021**

PDF

Table Number 006, Page 11

35

**City of Long Beach Fireworks Survey**

PDF

36

**Pacific County Tourism Bureau**

Survey on Fireworks to Pacific County Businesses  
PDF

**Visitors Headlines**

37

**Long Beach Peninsula, staggered by last year's parties, says 'come again, but behave' June 24 2016 Seattle Times**

<https://www.seattletimes.com/life/travel/long-beach-peninsula-staggered-by-last-years-july-4-parties-says-come-again-but-behave/>

38

**Northwest Coastal Beach Communities Bracing for July 4<sup>th</sup> Revelers...and their Trash Northwest Public Broadcasting July 1 2020 (includes Long Beach)**

<https://www.nwpb.org/2020/07/01/northwest-coastal-beach-communities-bracing-for-july-4th-revelers-and-their-trash/>

39

**Peninsula readies for July 4 fireworks frenzy June 21, 2021 ChinookObserver**

[https://www.chinookobserver.com/news/local/peninsula-readies-for-july-4-fireworks-frenzy/article\\_d481cc72-d2f0-11eb-ab03-af39f0104365.html](https://www.chinookobserver.com/news/local/peninsula-readies-for-july-4-fireworks-frenzy/article_d481cc72-d2f0-11eb-ab03-af39f0104365.html)

40

**July 4<sup>th</sup> chaos-rowdy holiday July 2015 ChinookObserver**

[https://www.chinookobserver.com/news/local/july-4-chaos-self-control-relatively-rowdy-holiday-includes-suspicious-death-other-injuries/article\\_55500864-5f4a-5ebf-ac0c-f2a577d5d46f.html](https://www.chinookobserver.com/news/local/july-4-chaos-self-control-relatively-rowdy-holiday-includes-suspicious-death-other-injuries/article_55500864-5f4a-5ebf-ac0c-f2a577d5d46f.html)

**Hearings and Government Workshops**

41

**City of Long Beach Workshop, September 9, 2021, Zoom**  
Audio of Meeting

42

**Pacific County Commissioners Public Hearings**

August 24, 2021, 10am, Zoom  
September 28, 2021, 5pm, Zoom  
Audio of Meetings

43

Pacific County Commissioners Workshop, September 20, 2021, Zoom  
Audio of Meeting

## **Harm to Oceans and Salmon**

44

### **Contaminants reduce abundance of Salmon**

Contaminants in juvenile Chinook salmon above fish health thresholds may reduce the abundance of returning adult Chinook salmon, thus impacting the food supply available to Southern Resident killer whales, as well as decreasing recreational, commercial, tribal ceremonial and subsistence fishing opportunities.

<https://vitalsigns.pugetsoundinfo.wa.gov/VitalSignIndicator/Detail/49>

45

### **Chinook Salmon populations threatened**

Chinook salmon populations in the Puget Sound and Columbia River Basin are classified as threatened under the U.S. Endangered Species Act.

<https://ecology.wa.gov/Waste-Toxics/Reducing-toxic-chemicals/Toxics-studies/Source-assessments/Toxic-chemicals-in-Chinook-salmon>

46

### **Copper threatens salmon survival**

Dissolved copper is a particularly pervasive contaminant that threatens salmon and steelhead survival. PDF

NOAA Fisheries' Northwest Fisheries Science Center Research

[https://media.fisheries.noaa.gov/dam-migration/stormwater\\_fact\\_sheet\\_3222016.pdf](https://media.fisheries.noaa.gov/dam-migration/stormwater_fact_sheet_3222016.pdf)

47

### **Salmon Dying from Hot Water in Columbia River**

July 27 2021 - "We are losing so much more than a fish," said Giulia Good Stefani, a senior attorney with NRDC. "Salmon support a way of life

<https://www.columbiariverkeeper.org/news/2021/7/salmon-dying-hot-water>

48

### **Aerosols with high copper concentrations negatively affect...oceans**

Note that with increasing human activities and global environmental changes (e.g. ocean acidification, warming, deoxygenation, etc.) the input of aerosol Cu could exceed toxicity thresholds at certain times.

<https://www.mdpi.com/2073-433/10/7/414/htm>

49

### **Copper Pollution and ocean warming**

Copper pollution exacerbates the effects of ocean acidification and warming 2018 Oct 3  
<https://www.nature.com/articles/s41598-018-32899-w>

50

### **Copper affects salmon neurologically**

<https://news.wsu.edu/news/2012/07/10/copper-exposed-salmon-prone-to-predators/>

51

### **Dead zones in oceans**

Human activities are the main cause of these excess nutrients being washed into the ocean. For this reason, dead zones are often located near inhabited coastlines. Jan 21, 2011

<https://www.nationalgeographic.org/encyclopedia/dead-zone/>

52

### **Washington Coast dead zone**

A recent NOAA research trip discovered a low oxygen zone stretching from northern Washington all the way down through Oregon and only about 6 miles offshore. July 23 2021

<https://www.kgw.com/article/news/local/massive-dead-zone-forming-oregon-washington-coast/283-5a213f9f-acfc-4dba-802f-e2301e83b2b0>

53

### **The Precautionary Principle**

The precautionary principle, proposed as a new guideline in environmental decision making, has four central components: taking preventive action in the face of uncertainty; shifting the burden of proof to the proponents of an activity; exploring a wide range of alternatives to possibly harmful actions; and increasing public participation in decision making

CITY OF SOUTH BEND, WASHINGTON

ORDINANCE NO. 1569

AN ORDINANCE of the City of South Bend, Washington, authorizing, ratifying, and confirming the extension of the maturity date of a line of credit to provide interim financing for certain Water System improvements authorized by Ordinance #1541; and providing for related matters.

**WHEREAS**, the City of South Bend, Washington (the "City"), owns, operates and maintains a domestic water supply and distribution system (the "System") that needs additions and betterments and extensions, described more fully herein (the "Project"); and

**WHEREAS**, the City previously enacted Ordinance #1541, authorizing certain additions, betterments and extensions of the System (as further described in Ordinance #1541, the "Project"), and authorizing the issuance and sale of a Revenue Bond Anticipation Note (the "Note") to provide interim financing for the Project, pending its completion and the consummation of long-term financing through the United States Department of Agriculture, Rural Utilities Service ("USDA"); and

**WHEREAS**, the Project has been delayed due to the COVID-19 pandemic and related supply-chain issues and is now expected to be completed in March 2022, assuming no additional delays; and

**WHEREAS**, the City desires to extend the maturity date of the Bond Anticipation Note to a date that extends beyond the expected Project completion date, but not later than December 31, 2022; and

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF SOUTH BEND, WASHINGTON, DO ORDAIN, as follows:

**Section 1.     Extension of the Maturity Date.** The Council hereby authorizes, ratifies and confirms the extension of the Maturity Date of the Note to a date to be determined by the City Clerk-Treasurer without the need for further Council authorization, which may be carried out in one or more extensions, so long as final maturity is not later than December 31, 2022. The Clerk-Treasurer is authorized to accept the terms of the Note extension to June 30, 2022, substantially as set forth in Exhibit A. The City Council also authorizes the payment of such bank fees, legal fees and other costs of issuance as may be necessary in connection with the extension of this Note.

**Section 2.     General Authorization.** The proper City officials are hereby authorized and directed to do everything necessary for the prompt execution and delivery of a replacement Note to the Bank and the execution and delivery of any other required documentation necessary to complete this extension, including without limitation any filings with the Internal Revenue Service that may be necessary to preserve the tax-exempt treatment of interest on the Note. In addition and without limiting the foregoing, the Mayor, Clerk-Treasurer, and all other appropriate officers of the City are authorized and directed to take such steps, to do such other acts and things, and to

execute such letters, certificates, agreements, papers, financing statements, assignments or instruments as in their judgment may be necessary, appropriate or desirable in order to carry out the terms and provisions of, and complete the transactions contemplated by, this ordinance.

Section 3.     Prior Acts. All acts taken pursuant to the authority of this ordinance but prior to its effective date are hereby ratified and confirmed.

Section 4.     Severability. If any one or more of the covenants or agreements provided in this ordinance to be performed on the part of the City shall be declared by any court of competent jurisdiction to be contrary to law, then such covenant or covenants, agreement or agreements, shall be null and void and shall be deemed separable from the remaining covenants and agreements in this ordinance and shall in no way affect the validity of the other provisions of this ordinance or of the Note.

Section 5.     Effective Date. This ordinance will be effective five days after its passage and publication as required by law.

**INTRODUCED** and **PASSED** on the 13<sup>th</sup> day of December 2021 by the following vote:

**Ayes –**

**Noes –**

**Absent –**

\_\_\_\_\_  
Julie K. Struck, Mayor

**AUTHENTICATED BY:** \_\_\_\_\_  
Dee Roberts, Clerk/Treasurer

Publish: 12/22/2021

### **Exhibit A**

**BORROWER:** City of South Bend

**AMOUNT:** Loan amount up to \$3,000,000  
**Current Balance:** \$1,790,350.81

**TYPE:** Water Revenue Bond Anticipation Note

**STRUCTURE:** Non-Revolving Drawn down line of credit

**PURPOSE:** The proceeds of the Note will be utilized to upgrade the water treatment plant and make other improvements to the City water treatment facility

**REPAYMENT:** **Interest Payments:** Interest due in full at maturity.  
**Principal Payment:** \$3,000,000 at or before maturity

**MATURITY:** June 30, 2022

**INTEREST RATE:** Fixed Rate of 2.95%

**ORIGINATION FEE:** \$5,000 Extension Fee due at time of extension

**EXPENSES:** Borrower will pay all reasonable costs and expenses associated with the preparation, due diligence, administration and enforcement of all documentation executed in connection with the Credit Facility, including Bank of the Pacific's legal fees for review and approval of documentation.

**SECURITY:** As security for the Note, the City continues their pledge of the proceeds of a Bond it has covenanted it will issue to the USDA; or the proceeds of a refunding Bond Anticipation Note; or from revenue of the water system.

**CONDITIONS:** This loan is subject to Bank of the Pacific's legal counsel's opinion, review and acceptance. Other documentation may be recommended by Bank's legal counsel.

**LEGAL OPINION:** Borrower to provide an unqualified legal opinion of nationally recognized bond counsel, in form and substance acceptable to Bank and its legal counsel, that (i) the ordinance and all documents related to the Credit Facility have been properly adopted, authorized and executed; (ii) the ordinance and all documents related to the Credit Facility constitute a legally binding obligation of the Borrower, payable from the Security and enforceable according to its terms (subject to standard exceptions); (iii) interest payable on the Credit Facility is excludable from gross income for purposes of federal and state income taxes.

### **CLOSING NOTICE**

This extension term sheet is not meant to be nor shall it be construed as an attempt to define all of the terms and conditions of the transactions involved in this financing. Rather, it is intended only to outline certain basic points of business understanding around which the legal documentation is to be structured. Any outside legal expenses incurred will be paid by the Borrower, regardless of whether the proposed transactions are consummated. Further negotiations within the general scope of these major terms shall not be precluded by the issuance of this term sheet and its acceptance by the Borrower.

**Oral agreements or oral commitments to loan money, to extend credit, or to forbear from enforcing repayment of a debt are not enforceable under Washington law.**

**Be advised that after careful review and consideration of the proposed terms herein, the City of South Bend, its Mayor, Treasurer, and Council Members do indicate by signature below their selection of the Bank of the Pacific to provide the non-revolving construction line of credit as required and defined in the Letter of Conditions from the United States Department of Agriculture Rural Development. The City also agrees to provide any and all relevant documents to support the Bank in underwriting the temporary loan facility.**

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Julie Struck  
Mayor, City of South Bend

CERTIFICATE

I, the undersigned, Clerk-Treasurer of the City of South Bend, Washington (the "City"),  
DO HEREBY CERTIFY:

1. That the attached Ordinance No. 1569 (the "Ordinance") is a true and correct copy of an ordinance of the city as finally passed at a regular meeting of the City Council held on December 13, 2021, and duly recorded in my office.

2. That said meeting was duly convened and held in all respects in accordance with law, and to the extent required by law, due and proper notice of such meeting was given; that a quorum of the City Council was present throughout the meeting and a legally sufficient number of members of the City Council voted in the proper manner for the passage of the Ordinance; that all other requirements and proceedings incident to the proper passage of the Ordinance have been duly fulfilled, carried out and otherwise observed, and that I am authorized to execute this certificate.

IN WITNESS WHEREOF, I have hereunto set my hand this 13<sup>th</sup> day of December, 2021.

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Dee Roberts, Clerk/Treasurer

## POLICY

### POL-020 – COVID-19 New Hire Vaccination Policy

#### PURPOSE

The purpose of this COVID-19 new hire vaccination policy is to: (1) protect the health and safety of the City of South Bend community and organization; and (2) reduce the incidents of serious illness and possible death of employees from COVID-19.

COVID-19 vaccination(s) is a condition of employment. Employees who have not provided proof of receiving a first vaccination on Day 21 and (when necessary) a second vaccination by Day 49, or who have not received a reasonable accommodation exempting them from this requirement, shall be separated from employment.

Effective Date January 1, 2022

Signatures of Governing Body:

\_\_\_\_\_, Councilor  
Wyatt Kuiken

\_\_\_\_\_, Councilor  
Darren Manlow

\_\_\_\_\_, Councilor  
Patricia Neve-Corcoran

\_\_\_\_\_, Councilor  
Jan Davis

\_\_\_\_\_, Councilor  
Clarence Williams

\_\_\_\_\_, Mayor  
Julie K. Struck (Non-Voting)